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The Assistant Commissioner of Patents
United States Patent and Trademark Office
Washington, D.C. 20231

ATTN: Box Patent Application

Re: U.S. Utility Patent Application
Appl. No. (Not yet assigned); Filed 1/26/01
For: **METHOD AND APPARATUS FOR AUTOMATICALLY GENERATING
HARDWARE FROM ALGORITHMS DESCRIBED IN MATLAB**
Inventor(s): **BANERJEE, et al**
Docket No.: **NWU-P001**

Sir:

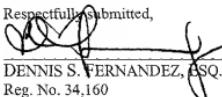
The following documents are forwarded herewith for action by the U.S. Patent and Trademark Office:

1. U.S. UTILITY APPLICATION
entitled: **METHOD AND APPARATUS FOR AUTOMATICALLY GENERATING
HARDWARE FROM ALGORITHMS DESCRIBED IN MATLAB**
having named inventor(s):
BANERJEE, et al
 - a. a specification consisting:
 - (i) 26 pages prior to the claims, including title page;
 - (ii) 4 pages of claims;
 - (iii) 1 page abstract;
 - b. 20 sheets of informal drawings: (FIGs. 1, 2a-c,3,4a-b,5a-b,6a-b,7,8a-b,9,10,11a-c,12-20);
 2. An original, executed Combined Declaration and Power of Attorney by named inventors;
 3. Form PTO-1082 (in duplicate);
 4. Cover letter for Assignment (Form PTO-1595)
 5. An original, executed Assignment to **NORTHWESTERN UNIVERSITY**, executed by named inventors, recordation of which is hereby requested;
 6. A return post card; and
 7. Check No. 1355 for \$ 1,710.00 to cover:

Patent application filing fee:	\$ 710.00
Assignment Recordation fee:	\$ 40.00
Excess claims fee:	\$ 960.00
8. Information Disclosure Statement and Form PTO1449

It is respectfully requested that the attached postcard be stamped with the filing date of the above documents and unofficial application number and returned to the addressee as soon as possible.

1-26-01
Date

Respectfully submitted,

DENNIS S. FERNANDEZ, ESQ.
Reg. No. 34,160

FERNANDEZ & ASSOCIATES, LLP
PATENT ATTORNEYS
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MENLO PARK, CA 94026-6204
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Certificate of Mailing By "U.S. Express Mail" Under 37 C.F.R. 1.10(c)	
"EXPRESS MAIL" Mailing Label Number: <u>EL759738719 US</u>	Date of Deposit: <u>1-26-01</u>
I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner For Patents, Washington, DC 20231	
Name: <u>Martiza Kidd</u>	
Signature Date <u>1-26-01</u>	Signature

Docket No.: NWU-P001

APPLICATION TRANSMITTAL LETTER

Assistant Commissioner of Patents
United States Patent and Trademark Office
Washington, D.C. 20231
ATTN: BOX PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): BANERJEE, et al.

Entitled: "METHOD AND APPARATUS FOR AUTOMATICALLY GENERATING HARDWARE FROM ALGORITHMS DESCRIBED IN MATLAB"

31 No. of pages of specification, including title page, claims and abstract

20 No. of sheets of X informal, formal drawings

Also enclosed are:

- Executed Combined Declaration and Power of Attorney for Patent Application
- An Original Executed Assignment of the Application
- Form PTO-1595 (Recordation Cover Sheet for Assignment)
- An Information Disclosure Statement (Form PTO-1449A and Form PTO-1449B)
- A copy of References cited in Information Disclosure: 3 documents

FEES DUE

— Applicant Claims Small Entity Status (37 CFR 1.27)

The fees due for filing the application pursuant to 37 C.F.R. 1.16 and for recording the Assignment, if any, are determined as follow:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fees
Basic Application Fee (\$710 large entity, \$355 small entity)					\$ 710.00
Total Claims	17	Minus 20 =		X \$18 = X \$ 9 (small) =	.00
Total Independent Claims	15	Minus 3 =	12	X \$80 = X \$40 (small) =	960.00
If Multiple Dependent Claims are presented, add \$260.00 or \$130.00 (small)					
If Assignment enclosed, add Assignment Recording Fee \$40.00					40.00
TOTAL APPLICATION FEE DUE					\$ 1,710.00

PAYMENT OF FEES

The full fee due in connection with this communication is \$ 1,710.00
and is provided as follows:

The Commissioner is hereby authorized to charge the fees associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

A Check No. 1355 for the above-specified full fee is enclosed. However, in case Applicant inadvertently miscalculated any required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

NO 18 MONTHS PUBLICATION

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b) (2) (B) (i)

I hereby certify that the invention disclosed in the attached application **has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen month after filing. I hereby request that the attached application not to be publish under 35 U.S.C. 122(b).**

This application is filed pursuant to 37 C.F.R. 1.53 in the name of the above-identified Inventor(s).

Please direct all correspondence concerning the above-identified application to the following address:

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22877

PATENT TRADEMARK OFFICE

Respectfully submitted,

DENNIS S. FERNANDEZ, ESQ.
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1-26-2001

Date